

Date Mailed: OCTOBER 26, 2005

Sheet 1 of 1

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 12821.34USC2	Application Number: 10/691,016
	Applicant: MORRIS ET AL.	
	Filing Date: 10/21/2003	Group Art Unit: 3643

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
OK	6,145,291	11/14/2000	Jarmain			
	6,155,036	12/05/2000	Pellenc			
	6,378,282 B1	04/30/2002	Carlton			
	6,463,725 B1	10/15/2002	Briesemeister			
OK	2003/0033749 A1	02/20/2003	Morris et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
OK	2 103 173	08/17/1972	DE				X
	0 873 681 A2	10/28/1998	EP			Abstract	
	2 604 858 A1	04/15/1988	FR			Abstract	
	2 768 015 A1	03/12/1999	FR			Abstract	
OK	WO 2004/089063 A2	10/21/2004	PCT			Abstract	

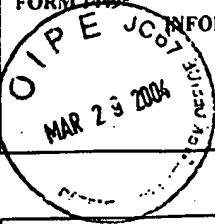
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER <i>[Signature]</i>	DATE CONSIDERED 1 February 06
<small>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.</small>	

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EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JS</i>	1,555,398	09/29/1925	Brundert			
	1,876,737	09/13/1932	Opp			
	3,344,591	10/03/1967	Christie et al.			
	3,426,517	02/11/1969	Duncan			
	3,439,482	04/22/1969	Orton			
	3,469,383	09/30/1969	Manfre			
	3,473,311	10/21/1969	Fox			
	3,474,895	10/28/1969	Dauenhauer			
	3,507,101	04/21/1970	Bernshausen			
	3,527,304	09/08/1970	Wilde et al.			
	3,559,386	02/02/1971	Popov et al.			
	3,563,016	02/16/1971	Tolochko et al.			
	3,601,964	08/31/1971	Fisher et al.			
	3,606,741	09/21/1971	Olmo et al.			
	3,613,343	10/19/1971	Sagouspe et al.			
	3,715,876	02/13/1973	McCord			
	3,727,388	04/17/1973	Smith			
	3,760,574	09/25/1973	Tassone			
	3,766,724	10/23/1973	Paillou			
	3,775,953	12/04/1973	Poutsma			
	3,783,595	01/08/1974	Tolochko et al.			
	3,866,401	02/18/1975	Claxton et al.			
	3,889,454	06/17/1975	Bruel			
	3,890,774	06/24/1975	Bruel			
<i>JS</i>	3,890,775	06/24/1975	Bruel			
	3,901,006	08/26/1975	Lewis et al.			

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3,939,629	02/24/1976	Bruel				
3,996,730	12/14/1976	Dorfer				
4,015,366	04/05/1977	Hall III				
4,016,711	04/12/1977	Claxton				
4,022,001	05/10/1977	Burton				
4,085,572	04/25/1978	Bruel				
4,112,657	09/12/1978	Benac et al.				
4,207,727	06/17/1980	Poytress				
4,241,569	12/30/1980	Bobard et al.				
4,251,983	02/24/1981	Burton				
4,282,705	08/11/1981	Fontan				
4,291,526	09/29/1981	Hiyama et al.				
4,299,081	11/10/1981	Harris et al.				
4,321,786	03/30/1982	Burton				
4,333,266	06/08/1982	Babo				
4,370,847	02/01/1983	Arnaud				
4,383,400	05/17/1983	Mead et al.				
4,391,085	07/05/1983	Harris et al.				
4,435,950	03/13/1984	Deux et al.				
4,601,129	07/22/1986	Peev et al.				
4,638,705	01/27/1987	Michel				
4,777,787	10/18/1988	Warren				
4,860,529	08/29/1989	Peterson et al.				
5,101,618	04/07/1992	Oldridge				
5,339,612	08/23/1994	Scott				
5,355,667	10/18/1994	Scott				
5,423,166	06/13/1995	Scott				
5,544,444	08/13/1996	Oldridge				
5,970,689	10/26/1999	Hoffman et al.				

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6,374,538	04/23/2002	Morris et al.				
FOREIGN PATENT DOCUMENTS						
DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
41 03 915 A1	08/13/1992	DE			X	
197 13 452 A1	10/08/1998	DE			X	
0 053 370 A1	06/09/1982	EP			X	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
		American Journal Enology Viticulture, Vol. 46, No. 1, 1995, Fig. 26				
		American Journal Enology Viticulture, Vol. 46, No. 1, 1995, Figs. 7, 2, and text therefor				
		Benedict, R.H., J.R. Morris, J.W. Fleming and D.R. McCaskill; Effects of Temperature on Quality of Mechanically Harvested Concord Grapes; pgs. ****, ****, Arkansas Farm Research Volume XXII, No. 1, January - February				
		Cargnello, G. and L. Lisa; Mechanical winter pruning of GDC training vineyards; pgs. 270-73; 1980; In: #UCS Grape and Wine Centennial Symposium Proc. Univ Calif, Davis				
		Cawthon, D.L. and J.R. Morris; Yield and Quality of 'Concord' Grapes as Affected by Pruning Severity, Nodes Per Bearing Unit, Training System, Shoot Positioning, and Sampling Date in Arkansas; pgs. 760-767; 1977; J. Amer. Soc. Hortic. Sci. 102(6), November				
		Cawthon, D.L. and J.R. Morris; Evaluating New Training and Pruning Systems for Increasing Yield of 'Concord' Grapes; pg. 6; ****, Arkansas Farm Research				
		Childers, Norman F. and Justin R. Morris and G. Steven Sibbett; Grape Growing: Modern Fruit Science; Chapter XX, pgs. 463-505; 1995; J.B. Lippincott Co., Chicago				
		Childers, N. et al.; "Modern Fruit Science Orchard and Small Fruit Culture," Horticultural Publications, pp. I, V, 480-484, 493				
		Christensen, L.P., A.N. Kasimatis, J.J. Kissler, P. Jensen, and D.A. Luisi; Mechanical harvesting of grapes for the winery; pgs. -all-, 1973; Calif. Agr. Ext. Bul. AXT-403				
		Clingeffer, P.R. and J.V. Possingham; The role of minimal pruning of cordon-trained vines (MPCV) in canopy management and its adoption in Australian viticulture; 280:7-11; 1988; Aust. Grapegrower and Winemaker				
		Clingeffer, P.R.; Update: Minimal pruning of cordon trained vines (MPCV); pgs. 304:78-83; 1989; Aust. Grapegrower and Winemaker				
		Dale, A., E.J. Hanson, D.E. Yarborough, R.J. McNicol, E.J. Slang, R. Brennan, J.R. Morris, G.B. Hergert; Mechanical Harvesting of Berry Crops; pgs. VI:328-348; 1994; ****				

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	Davidson, D.; Pride and tradition in hand pruning, but mechanization here to stay.; pgs. 330:32-34; 1991; Aus. Grapegrower and Winemaker
	Di Collalto, G. and F.L. Pisani; The present situation and prospects for the integral mechanization of espallier grapevines; pgs. 10:0, 19:24; 1983; Vignevini
	Elia, P.; Mechanization in vineyards. Part 3.3. Winter pruning and the handling of prunings; pgs. 10:41-54; 1986; Quaderni della Scuola di Specializzazione in Viticoltura ed Enologia
	Elia, P. R. Meinardi; The study and design of an automatic non-straddling shoot positioner; pgs. 45(14):97-104; 1989; Informatore Agrario
	Elia, P.; Mechanization in vineyards. Part 3.4. Mechanical treatment of vines during the growing season.; pgs. 10:55-66; 1986; Quaderni della Scuola di Specializzazione in Viticoltura ed Enologia
	Hanagin, S.; Studying the Vine; pg E10; 1996; Northwest Arkansas Times, Sunday, August 11
	Freeman, B.M. and B.R. Cullis; Effect of hedge shape for mechanical pruning of vinifera vines; pgs. 32:21-25; 1981; Amer. J. Enol. Vitic.
	Freeman, B.M.; Experiments on vine hedging for mechanical pruning; pgs. 261-263; 1980; In: UCD Grape and Wine Centennial Symposium Proc., Univ. Calif., Davis
	Gallagher; Advertisement - Gallagher Leaf Remover; pg. 56; 1996; The Australian Grapegrower & Winemaker, July
	Gil Sierra, J. and J. Ortiz-Cañavate; Mechanization experience with pruning and harvesting in trained vineyards; pgs. 293-298; 1988; Association Nacional de Ingenieros Agrónomos, Zangosa, Spain
	Hansen, Melissa. Mechanized vineyard is becoming a reality. 1997. found at www.goodfruit.com/archive/Feb1-99/future4.html
	Hollick, R.R.; Mechanical pruning of vines in Australia; pgs. 264-265; 1980; In: UCD Grape and Wine Centennial Symposium Proc., Univ. Calif., Davis
	Intrieri, C., O. Silvestroni, S. Poni, and I. Filipetti; Productivity and profitability in vineyards with various levels of mechanization and at different planting densities; pgs. 17:10, 53-58; 1990; Vignevini
	Intrieri, C. and B. Marangoni; The alternate "up-down" mechanical pruning system: Experiments on vines GDC trained (<i>V. vinifera</i> cv. Montuni); pgs. 266-269; 1980; In: UCD Grape and Wine Centennial Symposium Proc., Univ. Calif., Davis
	Jordan, T.D., R.M. Pool, T.J. Zabada, and J.P. Tomkins; Cultural practices for commercial vineyards; pgs. -all; 1981; New York State College of Agr. and Life Sci., Cornell Univ., Ithaca, Misc. Bul. 111
	Lakso, A.N.; Viticultural and physiological parameters limiting yield; pgs. 9-14; 1993; Proc. 2nd N.J. Shaulis Grape Symposium. Fredonia State University, Fredonia, NY
	Ludvigsen, R.K.; Vine training a key to future economic success of a vineyard.; pgs. 318:15-24; 1990; Aus. Grapegrower and Winemaker
	Luvisi, D.A. and P.R. Clingeffer; Australian test of mechanical pruning; pgs. 30-31; 1988; Wines and Vines, Feb.

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	Magriso, Yu. and A. Pavlov; Possibilities of mechanical pruning of ripe grapevine wood; pgs. 25(7)81-85; 1988; Rasteniev "Oni Nauki"
	Morris, J.R., C.A. Sims, J.E. Bourque, and J.L. Oakes; Effects of Training and Pruning Systems on Yield of French-American Hybrid Wine Grapes; pg. 7; 1984; Arkansas Farm Research, January-February
	Morris, J.R., C.A. Sims, and D.L. Cawthon; Yield and Quality of 'Niagara' Grapes as Affected by Pruning Severity, Nodes per Bearing Unit, Training System, and Shoot Positioning; pgs. 186-191; 1985; J. Amer. Soc. Hort. Sci. 110(2)
	Morris, J.R. and D.L. Cawthon; Yield and Quality Response of 'Concord' Grapes to Training Systems and Pruning Severity in Arkansas; pgs. 307-310; 1980; J. Amer. Soc. Hort. Sci. 105(3)
	Morris, J.R.; Approaches to More Efficient Vineyard Management; pgs. 20(6)1008-13; 1985; HortScience, Vol. 20(6), December
	Morris, J.R., D.L. Cawthon, and C.A. Sims; Effects of Training System, Pruning Severity, Nodes Per Bearing Unit and Shoot Positioning on Yield and Quality of Concord Grapes; pg. 7, 1985; Arkansas Farm Research, May-June
	Morris, J.R., C.A. Sims, J.E. Bourque, and J.L. Oakes; Influence of Training System, Pruning Severity, and Spur Length on Yield and Quality of Six French-American Hybrid Grape Cultivars; pgs. 23-27; 1984; Am. J. Enol. Vitic., Vol. 35, No. 1
	Morris, and D.L. Cawthon; Response of 'Concord' Grapes to Training Systems and Pruning Severity; pg. 12; ****; Arkansas Farm Research
	Morris, J.R. and D.L. Cawthon; Mechanical Trimming and Node Adjustment of Cordon-Trained 'Concord' Grapevines; pgs. 310-313; 1980; J. Amer. Soc. Hort. Sci. 105(3)
	Morris, J.R., D.L. Cawthon, and J.W. Fleming; Effect of mechanical pruning on yield and quality of 'Concord' grapes; pgs. 24(3)12; 1975; Ark. Farm Res.
	Morris, J.R., S.E. Spayd, and D.L. Cawthon; Effects of Irrigation, Pruning Severity and Nitrogen Levels on Yield and Juice Quality of Concord Grapes; pgs. 229-233; 1983; Am. J. Enol. Vitic., Vol. 34, No. 4
	Morris, J.R.; Influence of Mechanical Harvesting on Quality of Small Fruits and Grapes; pgs. 412-417; 1983; HortScience 18(4), August
	Morris, J.R.; Fruit Utilization and Mechanization; pg. 10; 1988; Arkansas Farm Research, May-June
	Morris, J.R., D.L. Cawthon, and C.A. Sims; Long-Term Effects of Pruning Severity, Nodes Per Bearing Unit, Training System and Shoot Positioning on Yield and Quality of 'Concord' Grapes; pgs. 676-683; 1984; J. Amer. Soc. of Hort. Sci. 109(5)
	Morris, J.R., J.W. Fleming, R.H. Benedict, and D.R. McCaskill; Effects of Sulfur Dioxide on Postharvest Quality of Mechanically Harvested Grapes; pg. 5; 1972; ****, March-April
	Morris, J.R. and D.L. Cawthon; Yield and Quality Response of 'Concord' Grapes to Mechanized Vine Pruning; pg. 13; 1981; Arkansas Farm Research, November-December
	Morris, J.R. and D.L. Cawthon; Yield and Quality Response of 'Concord' Grapes (<i>Vitis labrusca</i> L.) to Mechanized Vine Pruning; pgs. 32:280-282; 1981; Amer. J. Enol. Vitic.

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	Morris, J.R., and D.L. Cawthon; Mechanical Pruning of Cordon-Trained 'Concord' Grapevines; pg. 12; *****; Arkansas Farm Research, *****month*****
	Morris, J.R., J.W. Fleming, R.H. Benedict, and D.R. McCaskill; Maintaining Juice Quality of Concord Grapes Harvested Mechanically; pg. *****; *****; Arkansas Farm Research Volume XXII, No. 1, January/February
	Morris, J.R.; Fruit and Vegetable Harvest Mechanization; pgs. 97-101; 1990; Food Technology, February
	Morris, Justin R. Vineyard mechanization & grape processing program. Date unknown. Institute of Food Science and Engineering, Division of Agriculture, University of Arkansas
	Nikiforova, L.T., N.L. Semelyanskil., F.T. Pavoloi, and N.I. Gridasov; Mechanized pruning and the productivity of high-stem grapevines; pgs. 2:37-39; 1990; Sadovodstvo i Vinogradarstvo
	Pavlov, A.; Mechanized pruning of mature wood in grapevines; pgs. 24(12):103-06; 1987; Rasteniev "dni Nauki
	Peikov, V., D. Karapetkov, and A. Georgiev; Mechanized pruning of the green parts of the grapevines; pgs. 24(2):21-29; 1987; Sel'skospanska Tehnika
	Petrucci, V.E., C.D. Clary, and M. O'Brien; Grape harvesting systems; pgs. 525-574; 1983; In: M. O'Brien/B.F. Cargill, and R.B. Erdley (eds.). Principles and practices for harvesting and handling fruits and nuts. AVI Pub., Westport, Conn.
	Rollock, J.G., E.S. Shepardson, N.J. Shaulis, and D.E. Crowe; Mechanical pruning of American hybrid grapevines; pgs. 20:817-821; 1977; Trans. Amer. Soc. Agr. Eng.
	Poni, S. and P. Argnani; Mechanical pruners for vineyards; pgs. 15(10):33-40; 1981; Vignevini
	Pool, R.M., R.E. Dunst, D.C. Crowe, H. Hubbard, G.E. Howard, and G. DeGoller.; Predicting and Controlling Crop on Machine or Minimal Pruned Grapevines; pgs. -all-; 1993; Proceedings of the 2nd N.J. Shaulis Grape Symposium. Fredonia State University. Fredonia, NY. July 13-14, 1993
	Pool, R.M., D. Crowe, and R. Dunst; The Use of Combined Mechanical and Minimal Pruning and Mechanical Thinning in New York Production Systems; pgs. -all-; 1988; Presented at 2nd Int. Seminar on Mechanical Pruning of Vineyards. Treviso, Italy, Feb. 1988
	Pool, R.M.; Thin Grapes Mechanically; pgs. 107(10):17-19; 1987; Amer. Fruitgrower
	Pool, R.M., et al; Pruning Mechanism and Crop Control, Proceeding of the Second Nelson J. Shaulis Grape Symposium; pgs. i-iii, 1-68; 1993; New York State Agricultural Experiment Station, Cornell University, Geneva, New York 14456
	Seyla, F.; Vine growing: From Mechanization to Automation; pgs. 329:67-77; 1985; Bulletin d'Information du CEMAGREF
	Shaulis, N.J., J. Pollock, D. Crowe, and E.S. Shepardson; Mechanical Pruning of Grapevines; progress 1968-1972; pgs. 118:61-69; 1973; Proc. New York State Hort. Sci.
	Shaulis, N.J., E.S. Shepardson and J.C. Moyer; Grape Harvesting Research at Cornell; pgs. 250-254; 1980; The New York State Horticultural Society Proceedings of the One Hundred and Fifth Annual Meeting
	Shaulis, N.J., H. Amberg, and D. Crowe; Response of 'Concord' Grapes to Light, Exposure and Geneva Double Curtain Training; pgs. 89:268-280; 1966; Proc. Amer. Soc. Hort. Sci.

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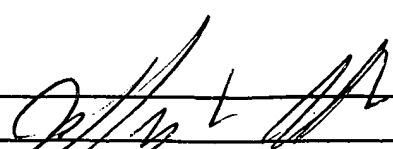
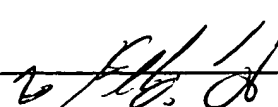
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	Smart, R.E.; Shoot Positioning - The Way of the Future; pgs. 331:30-32; 1991, Aust. Grapegrower and Winemaker
	Smart, R., and M. Robinson; Sunlight into Wine; pgs. i-viii, 1-88; 1991; Adelaide
	Spayd, S.E., and J.R. Morris; Influence of Irrigation, Pruning Severity, and Nitrogen on Yield and Quality of 'Concord' Grapes in Arkansas; pgs. 211-216; 1978; J. Amer. Soc. Hort. Sci. 103(2)
	Spezia, G.; Automatic Secateurs For Winter Pruning in Vineyard; pgs. 16:27-29; 1989; Vignevini
	Stephens, D.; Redirect Winegrape Vigor With Scott Henry Trellis; pgs. 33, 36, 1996; Fruit Grower, May
	Tassie, L.; Canopy Management and Development in NZ-Part II Developments in NZ; pgs. 309:13-16; 1989; Aust. Grapegrower and Winemaker
	U.R. Machinery Picking Head Sales Brochure
	Vannucci, D.; Viticulture: Mechanization in 1983; pgs. 10:7, 8, 15-23; 1983; Vignevini
	Vormand, G.; Pruning Is No game; pgs. 128:54-62; 1989; Viti
	Winkler, A.J., Z.A. Cook, W.M. Kliever, and L.A. Lider; General Viticulture; pgs. 710; 1974; Univ. Calif. Press. Berkeley

23552

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